

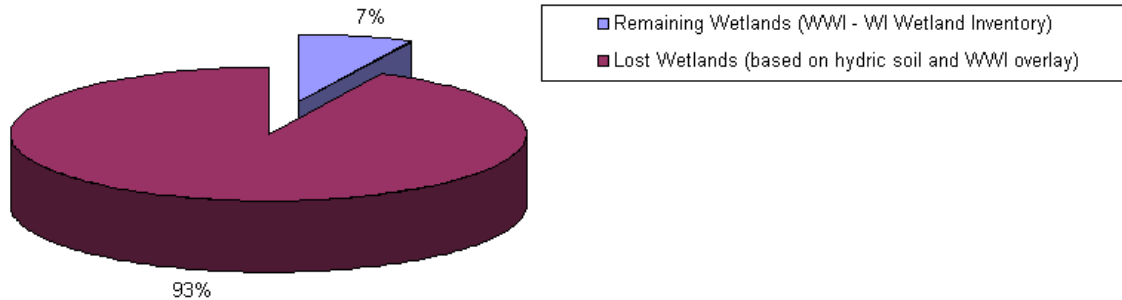
Pike River Watershed (SE02)

Wetlands Summary, 2010

SE02 Historical and Current Wetland Status

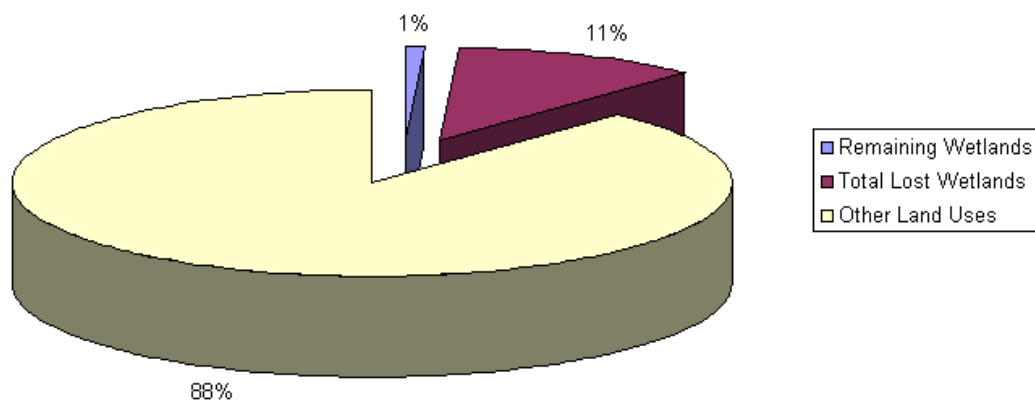
Historical Wetland Loss from Pre-settlement to Current Day	Acres	% of Original (Pre-settlement) Wetlands
Original Wetlands (pre-settlement estimate based on hydric soil)	4844	100%
Remaining Wetlands (WWI - WI Wetland Inventory)	351	7%
Lost Wetlands (based on hydric soil and WWI overlay)	4493	93%

Historical Wetland Loss From Pre-settlement to Current Day



Current Wetland Status of Watershed	Acres	% of Watershed
Original Wetlands	4844	13%
Remaining Wetlands	351	1%
Total Lost Wetlands	4493	12%
Other Land Uses	35821	99%
Total Watershed	36172	100%

Pike River Watershed (SE02)
Current Wetland Acres vs. Other Land Uses



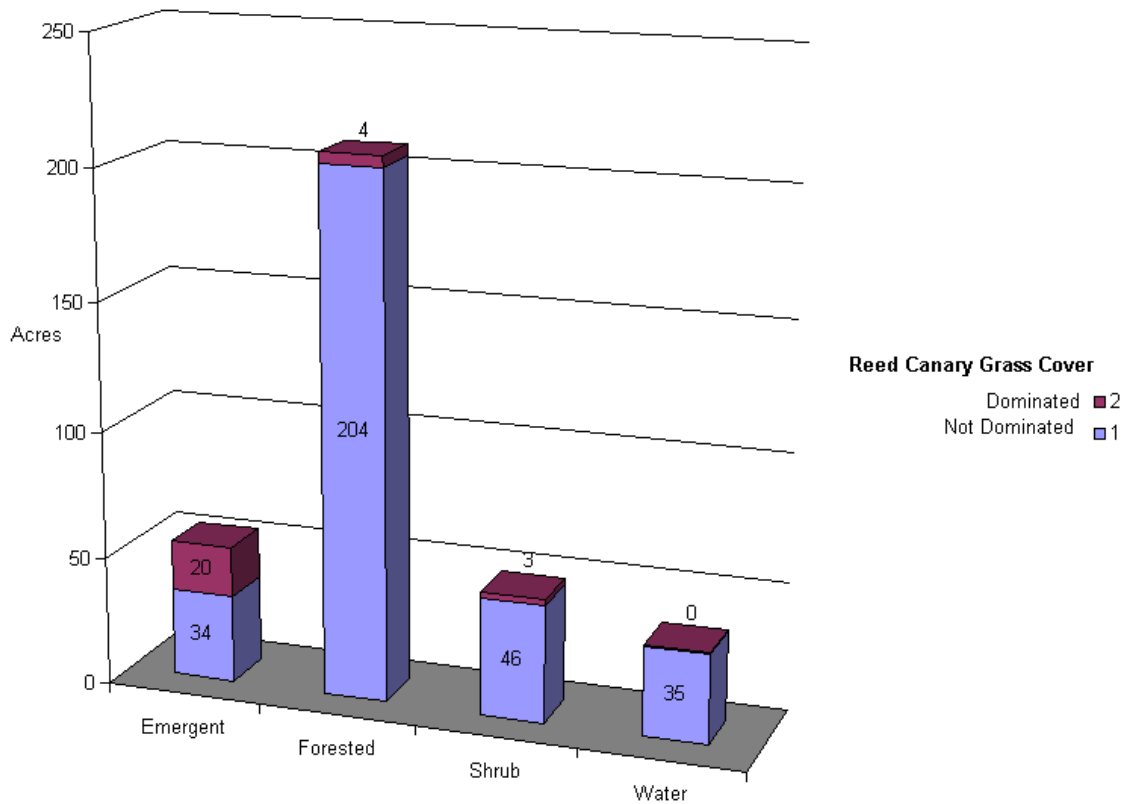
SE02 Wetlands by Type

Type	Acres	% of Wetland
Shallow Open Water	35.4689	10%
Emergent (Marshes and Meadows)	53.7374	15%
Shrub	48.2663	14%
Forested	208.1134	59%
Other	5.414	2%
Total	351	100%

SE02 Wetlands with Reed Canary Grass Infestation

Type	Acres	% of Wetland
Shallow Open Water	0.45	2%
Emergent (Marshes and Meadows)	19.5683	70%
Shrub	2.5768	9%
Forested	4.1872	15%
Other	1.2177	4%
Total	28	100%

Wetland Vegetation Types



Wetland Status

The Pike River Watershed is located in portions of Racine and Kenosha counties, and consists of three sub-basins; the Upper Pike, Pikes Creek, and the Pike River. Wetlands compromise 1% of the current land uses in the watershed. It is estimated that about 7% of the original wetlands in the watershed currently exist. Of these wetlands, forested wetlands (59%) and emergent wetlands (15%), which include marshes and wet meadows, dominate the landscape.

Wetland Condition

Little is known about the condition of the remaining wetlands but estimates of reed canary grass infestations, an opportunistic aquatic invasive wetland plant, into different wetland types has been estimated based on satellite imagery. This information shows that reed canary grass dominates 70% of the existing emergent wetlands, which includes wet meadows and marshes, and 15% of the remaining forested wetlands. Reed Canary Grass domination inhibits successful establishment of native wetland species.

Wetland Restorability

Of the 4,493 acres of estimated lost wetlands in the watershed, approximately 34% are considered potentially restorable based on modeled data, including soil types, land use and land cover (Chris Smith, DNR, 2009).

SE02 Restorability of Lost Wetlands

Restorability of Lost Wetlands	Acres	% of Lost Wetlands
Potentially Restorable	1534	34%
Not Likely To Be Restored (Urban land use)	2954	66%
Smaller than 0.5 acres	5	0%
Total Lost Wetlands	4493	100%

Restorability of Lost Wetlands

